



QCPA701D1

RECEIVED

OCT 20 2003

Technology Center 2100

09/954,910

COMPLETE LISTING OF CLAIMS

Please add new claims 2-10, as indicated below.

Please cancel claim 1 without prejudice.

Sub
C1
1. (Canceled).

2. (New) A base station controller for facilitating hard handoff comprising:
a position database configured to store information corresponding to locations of a plurality of handoff regions; and

B1
a selector bank subsystem configured to initiate tracking of the position location of a mobile unit upon receipt of an identification of a pilot signal corresponding to a predetermined cell covering a handoff region of the plurality of handoff regions, to determine when the mobile unit enters the handoff region, and to initiate handoff when the mobile unit enters the handoff region.

3. (New) The base station controller of claim 2, wherein the selector bank subsystem determines when the mobile unit enters the handoff region by comparing the position location of the mobile unit to the information corresponding to the location of the handoff region.

4. (New) The base station controller of claim 2, wherein the selector bank subsystem is further configured to identifying a target cell for receiving the handoff based upon the position location of the mobile unit.

5. (New) A method of handoff comprising:
tracking the position location of a mobile unit upon receipt of an identification of a pilot signal corresponding to a predetermined cell covering a handoff region;
determining when the mobile unit enters the handoff region; and

initiating handoff when the mobile unit has entered the handoff region.

6. (New) The method of claim 5, wherein determining when the mobile unit has entered a handoff region comprises comparing the position location of the mobile unit to information corresponding to the location of the handoff region stored in a position database.

7. (New) The method of claim 7 further comprising identifying a target cell for receiving the handoff based upon the position location of the mobile unit.

B/ 8. (New) An apparatus comprising:
means for tracking the position location of a mobile unit upon receipt of an identification of a pilot signal corresponding to a predetermined cell covering a handoff region;
means for determining when the mobile unit enters the handoff region; and
means for initiating handoff when the mobile unit has entered the handoff region.

9. (New) The method of claim 8, wherein means for determining when the mobile unit has entered a handoff region comprises means for comparing the position location of the mobile unit to information corresponding to the location of the handoff region stored in a position database.

10. (New) The method of claim 8 further comprising means for identifying a target cell for receiving the handoff based upon the position location of the mobile unit.